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JAPANESE MEDICAL EQUIPMENT

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HOSPITAL, VETERINARY, FIELD, TYPE 1938

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Hospital, Veterinary, Field, Type 1938

SOURCE: Veterinary Department Headquarters Depot, Tachikawa, Japan.

IMPORTANCE: Not previously reported. Basic hospital adapted to zones of combat, communications and interior.

DESCRIPTION: This veterinary field hospital consists of 18 units, of which 14 are chests and 4 (Nos. 5, 11, 12, and 13) are canvas cases. Nos. 2, 4, 5, 11, 12 and 13 were unavailable but accurate description and inventories of contents were obtained through a former Japanese Army Veterinary Captain, Genji Minoshima.

The 12 chests examined were each 28 1/2" x 15 1/2" x 19", of wooden construction and strongly reinforced with metal. Each chest had two canvas covered rope handles, a single locking hasp and an oversize tight fitting lid.

Each chest is painted dark green with red veterinary insignia on the ends and front. The black Japanese characters on the lid, literally translated, mean "Sick Horse Depot Veterinary Panniers". The insides of the chests, finished with natural colored varnish, are each divided into compartments and trays to fit the specific items of the chest.

COMMENT: This hospital is more adaptable than most Japanese Army veterinary sets investigated at the US Army Technical Intelligence Center, Tokyo. It is designed



to be used from the division and fronttline troops back to army and corps areas and may be used as an entire set or broken down into smaller sets.

Units 1 to 6 contain enough supplies and equipment to allow the division veterinary hospital to operate independently. The division hospital will take care of 250 horses.

Chests 7 and 8 contain supplementary and additional equipment and supplies so that units 1 to 8 will satisfy the minimum requirements of rear echelon hospitals where 1000 horses are to be treated.

Units 9 to 18 contain supplements to units 1 to 8, and equipment and supplies needed for a complete rear echelon hospital. As such this set is supposed to satisfy the minimum requirements necessary for the treatment of all the horses of one troop for one month, or all of the casualties in one battle.

This set contains items comparable to the following items in the ASF Medical Supply Catalogue:

- 9805000 Case, General Operating, Veterinary, Complete
- 9803000 Case, Foot, Complete
- 9806000 Case, Stomach and Rectal, Complete
- 9802000 Case, Dental, Veterinary, Complete
- 9815000 Chest, Restraint, Supplementary
- 9814000 Chest, Restraint
- 9812200 Chest, Veterinary, Pack "A"
- 9812500 Chest, Veterinary, Pack "B"
- 8123000 Table, Operating, Equine
- 8110500 Speculum, Vaginal, Veterinary
- 8110000 Speculum, Mouth, Veterinary
- 8123500 Tackle Block, (Safety Hoist), Medium Size
- 8059000 Emasculator
- 8010000 Case, Cautery, Ether, Complete or
- 8009800 Case, Cautery, Electric
- 8073000 Gun, Balling



In general, the quality is comparable to US Army equipment. This set also contains many items not carried by the US Army Veterinary Corps.

From the investigation of this and other sets, it seems that completeness, without consideration of mobility or battle field practicability, is the objective in Japanese veterinary equipment design.

Photographs: Fig. 1-12 chests of the set.  
Fig. 2-Vapor inhalation apparatus.  
Fig. 3-Ether anesthesia apparatus.  
Fig. 4-Chest No. 3 and contents.



Fig. 1 - 12 chests of the set,



Fig. 2 - Vapor inhalation apparatus.





Fig. 3 - Ether anesthesia apparatus.

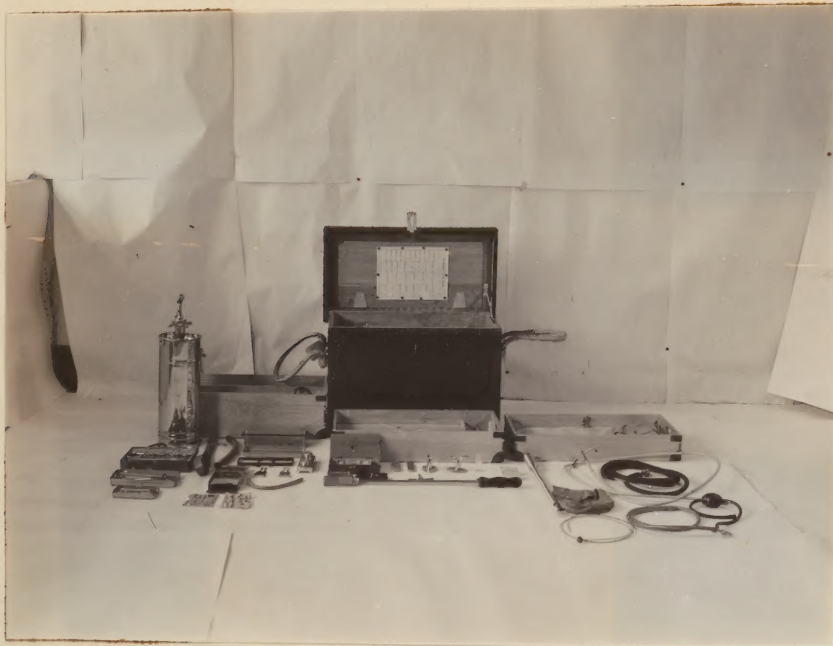


Fig. 4 - Chest No. 3 and contents.

# INVENTORY OF HOSPITAL, VETERINARY, FIELD TYPE 1938

## Chest #1

1. Speculum, mouth, veterinary	ea	2
2. Horse shoe examiner	ea	1
3. Scissors	ea	1
4. Plexor	ea	1
5. Stethoscope	ea	5
6. Flashlight	ea	2
7. Spare electric cells	ea	5
8. Maximum and minimum thermometer	ea	1
9. Kit, anthrax diagnosis	set	1
10. Camera (and accessories)	set	1
11. Thermometer, physical	ea	20
12. Thermometer holders	ea	20
13. Gauze, package of 5 meters	ea	10
14. Plugs, rubber	ea	10
15. Corks, wooden	ea	20
16. Hemocytometer	ea	1
17. Hemoglobinometer	ea	1
18. Loupe	ea	1
19. Ophthalmoscope	ea	1
20. Operating gowns	suit	4
21. Examining gowns	suit	3

## Chest #2

1. Graduate, 200cc	ea	1
2. Graduate, 10cc	ea	1
3. Balance, 500 grams	set	1
4. Balance, 2 grams	set	1
5. Ointment board	ea	1
6. Spatula	ea	1
7. Spoon, large	ea	1
8. Hygrometer	ea	1
9. Kerosene furnace	ea	1
10. Kerosene containers, 4 liters	ea	2
11. Kerosene funnel	ea	1
12. Lanterns	ea	3
13. Mortar, small	ea	1
14. Stable lamp	ea	2
15. Funnel, diameter 54mm	ea	2



16. Funnel stand, B	ea	1
17. Bandage, rolled	ea	5
18. Glass rods, 350mm	ea	5
19. Kerosene	liters	8
20. Absorbent cotton, package of 25 grams	ea	5
21. Chip boxes, round; large, medium, small	ea	10
22. Medicine wrapping papers, large	sheets	30
23. Candles	ea	25
24. Filter papers, quarter size	sheets	20
25. Filter papers, 1/16 size	sheets	50

Chest #3

1. Test tube	ea	20
2. Needles; for syringe, 50cc	ea	20
3. Needles; for syringe, 10cc	ea	20
4. Needles; for syringe, 1cc	ea	20
5. Syringe; with asbestos sucker 1cc	sets	5
6. Labels, medium size	pieces	150
7. Labels, small size	pieces	250
8. Test tube, diameter 18mm	ea	15
9. Test tube, diameter 16mm	ea	15
10. Absorbent cotton, package of 20 grams	ea	10
11. Papers, borax	sheets	50
12. Gun, balling	ea	1
13. Needles, phlebotomic	ea	50
14. Tooth float	ea	1
15. File	ea	1
16. Soap case	ea	1
17. Syringe, 50cc	sets	2
18. Syringe, 10cc	sets	3
19. Eye droppers	ea	10
20. Catheter, stomach	ea	1
21. Enema syringe	sets	2
22. Liquid medicators	sets	2
23. Catheter, urethra	ea	1
24. Tube, rubber, diameter 15mm	meters	2
25. Tube, rubber, diameter 9mm	meters	5
26. Graduate, A, 1000cc	ea	1
27. Knife, Tracheotomy	ea	1
28. Tracheotomy tubes	ea	5
29. Boil sterilizer, small	sets	2
30. Kits, blood transfusion	sets	2
31. Sprayer, medium	ea	1
32. Safety needles	ea	150
33. Cap needles	ea	400



Chest #4

1. Irrigator, type B	set	1
2. Strap, leather, A	ea	1
3. Hair-shears	pair	2
4. Kit, surgical, large	set	1
5. Kit surgical, small	set	1
6. Syringe, hard rubber	set	1
7. Needles, phlebotomic	ea	2
8. Hammer, phlebotomic	ea	2
9. Medicine droppers, large	ea	3
10. Medicine droppers, small	ea	3
11. Probe, large	ea	1
12. Kit, treating	set	1
13. Razor	ea	2
14. Pus pan, A	ea	1
15. Pus pan, B	ea	1
16. Bullet extractor	ea	1
17. Sprayer, medium	set	1
18. Forceps, small	pair	10
19. Container; for sterilized gauze	ea	1
20. Cautery, cone	ea	1
21. Cautery, ball	ea	1
22. Cautery, axe	ea	1
23. Bandage, rolled	ea	10
24. Pencil brushes	ea	30
25. Thread, silk, sterilized	ea	60
26. Brushes	ea	5
27. Emery paper, No. 0	sheets	5
28. Emery paper, No. 1	sheets	5
29. Cotton; package of 3 meters	ea	10
30. Thread, cotton, package of 20 grams	ea	3
31. Cotton needles	ea	50
32. Tracheotomy drill	set	1

Canvas Case #5

1. Blankets (including belts)	sets	5
2. Water-bag, rubber	ea	5
3. Boots, rubber	pair	5
4. Wet compress equipment	sets	2
5. Leg bandage fasteners	ea	2
6. Depot flags	ea	2
7. Road mark paper	sheets	50

Chest #6

1. Bandage, rolled	ea	30
2. Matches	ea	2



3. Candles	ea	10
4. Comb toothed scissors, large	pair	4
5. Needles, phlebotomic	ea	50
6. Handles; for comb-toothed scissors	ea	4
7. Lanterns	ea	2
8. Nose wrench (twitch)	ea	2
9. Soap	ea	10
10. Cotton, package of 3 meters	ea	2
11. Inhaler, small	set	1

### Chest #7

1. Test tube stand	ea	10
2. Funnel for kerosene	ea	1
3. Lamps, stable	ea	2
4. Gloves, rubber, thick	pair	5
5. Gloves, rubber, thin	pair	5
6. Aprons, rubber	ea	2
7. Container, Kerosene, 4 liters	ea	2
8. Paste, rubber	ea	3
9. Kerosene, lamp	liters	8
10. Syringe	set	1
11. Chimney, stable lamp	ea	2
12. Cotton, package of 3 meters	meters	30

### Chest #8

1. Equipment, castrating	ea	1
2. Knife, hernia	ea	1
3. Gauze, package of 5 meters	meters	75
4. Kit, dissecting	set	1
5. Kit, water and urine examining	set	1
6. Flask, A) 1000cc	ea	2
B) 250cc	ea	2
7. Funnel, glass, diameter 75mm	ea	1
8. Papers, borax	sheets	50
9. Cotton, package of 3 meters	meters	12

### Chest #9

1. Distillery	set	1
2. Brass polish	grams	100
3. Canvas	meters	4

### Chest #10

1. Clothes, operating	suits	10
2. Cotton, raw, absorbent	gr	4000



3. Bandages, flannel, each 3 meters	pkg	20
4. Boil sterilizer, large	set	1

#### Canvas Case #11

1. Blankets (including bands)	sets	5
2. Boots, rubber	pair	5
3. Urine collectors	ea	2
4. Road mark paper	sheets	100
5. Horse throwing equipment	set	1

#### Canvas Case #12

1. Horse Suspension apparatus	set	1
2. Belly ropes	ea	2
3. Flat braids, long	ea	5
4. Flat braids, short	ea	2

#### Canvas Case #13

1. Mouth nets	ea	5
2. Mat, anaesthetized, rubber inflation	ea	1

#### Chest #14

1. Anesthesia apparatus	set	1
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#### Chest #15

1. Straw cutters	sets	3
2. Sickles, with blade cover	sets	5
3. Water bags	ea	5
4. Sprayer, semi-automatic	set	1
5. Basins, enamelled	ea	3
6. Stones, grinding	ea	3
7. Ladle, metal	ea	2
8. Ladle, bamboo	ea	2

#### Chest #16

1. Pulleys, connected, obstetric	set	1
2. Rope, flat braid	roll	1
3. Adhesive plaster, zinc oxide	cans	9



4. Knife, retracting blade	ea	1
5. Saw, folding	ea	1
6. Hook, obstetric	ea	1
7. Speculum, vaginal	ea	1
8. Hook, obstetric, sharp, short	ea	1
9. Hook, obstetric, dull, short	ea	1
10. Lever, obstetric, dull, long	ea	1
11. Hook, obstetric, dull, long	ea	1
12. Hook, obstetric, sharp, long	ea	1
13. Vapor inhaler	set	1
14. Rope, for pulleys	ea	1

Chest #17

1. Rolled bandages	ea	30
2. Gauze	meter	100
3. Thread, silk, sterilized	pkg	120
4. Cotton, raw, absorbent	gr	600
5. Hair-shears, small	pair	5
6. Scissors, surgical	pair	5
7. Physical thermometers	ea	5
8. Syringes, 10cc	ea	5
9. Forceps, common, small	pair	5
10. Sleeve-needle, small	ea	5
11. Forceps, small	pair	10
12. Needles, stitch, curved B	ea	20
13. Probes, small	ea	5
14. Gauze	meter	75
15. Cloth, water-proof	meter	10
16. Vapor inhaler	set	1

Chest #18

1. Horse hoof covers, rubber	pair	10
2. Tools, general repair	set	1